



**MOTOROLA**

**1350 I Street, N.W.  
Suite 400  
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June 21, 2001

**Ex Parte Letter**

Ms. Magalie Roman Salas, Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
12<sup>th</sup> Street Lobby, Room TW-A325  
Washington, DC 20554

Re: IB Docket No. 99-81 (2 GHz MSS Service Rules)  
ET Docket No. 00-258 (Spectrum for Third Generation (3G) Mobile Systems)

Dear Ms. Salas:

On behalf of Motorola, Inc., you are hereby notified that on June 20, 2001, Barry Lambergman, Rob Kubik and I met with OET staff (Julius Knapp, Geraldine Matise, Thomas Derenge and Rodney Small) to discuss potential band plan options should the Commission consider proposals to reallocate a portion of the MSS spectrum as a result of discussions generated by New ICO's proposed ancillary terrestrial component (ATC) for 2 GHz mobile satellite service ("MSS") providers and CTIA's petition for rulemaking to reallocate 2 GHz MSS spectrum. The focus of Motorola's presentation was the attached band plan chart.

Given the number of issues now before the Commission affecting spectrum in the 1710-2200 MHz band, we discussed how we have a unique opportunity to consider a variety of options that will lead to better alignment of U.S. spectrum use with global use for a number of services. Specifically, we discussed the advantages of using a portion of the MSS spectrum to accommodate MDS systems currently licensed in the 2150-2162 MHz band in order to provide greater availability of globally harmonized spectrum for 3G services. We also discussed how a portion of the MSS spectrum could potentially remain available for use on an exclusive basis for broadcast auxiliary services in order to facilitate relocation of DoD satellite systems to the 2025-2110 MHz band on a co-equal basis to broadcast auxiliary operations in that band. In so doing, we observed the need to better understand the impact on broadcast auxiliary services of greater use of the 2025-2110 MHz band by DoD satellite networks.

In addition to discussing band plan options, we noted the need to address certain related regulatory issues, including the need to ensure that ATC use of satellite spectrum is truly ancillary and the need to impose strict milestones on MSS licenses.



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In accordance with Section 1.49(f)(1) of the Commission's Rules, one electronic copy of this letter is being submitted via the Commission's Electronic Comment Filing System for inclusion in the record in the above-captioned proceedings.

Respectfully submitted,

/s/

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Steve Sharkey  
Director, Telecommunications Regulation

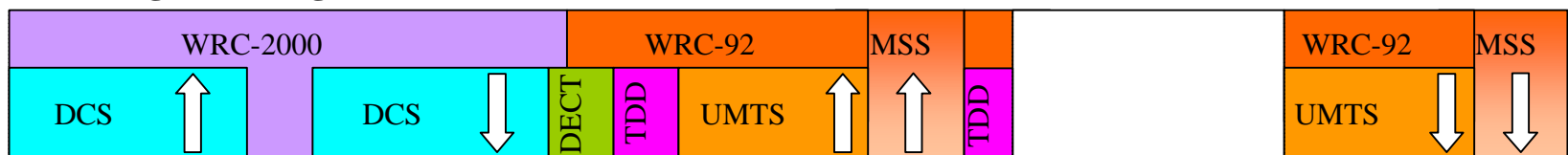
cc: J. Knapp  
G. Matisse  
T. Derenge  
R. Small



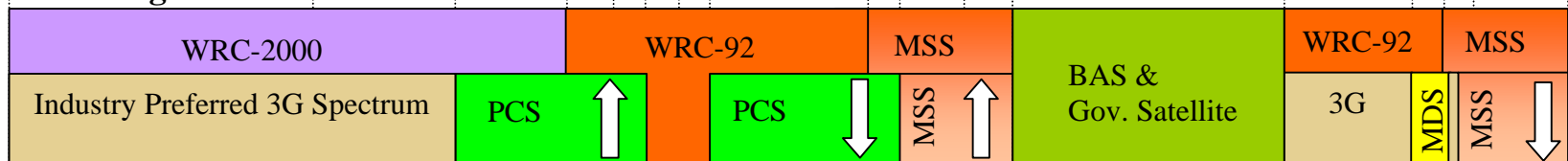
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# Spectrum Options

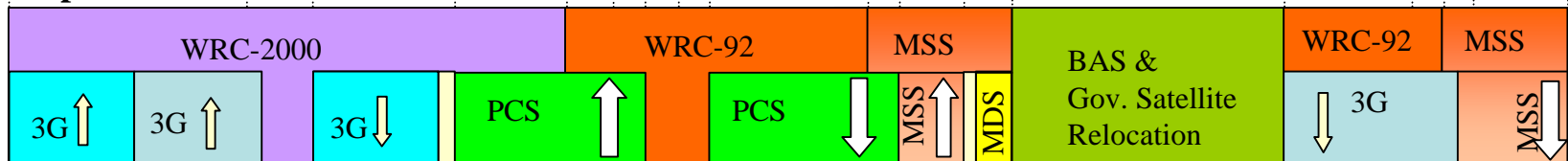
## ITU Region 1 / Region 3



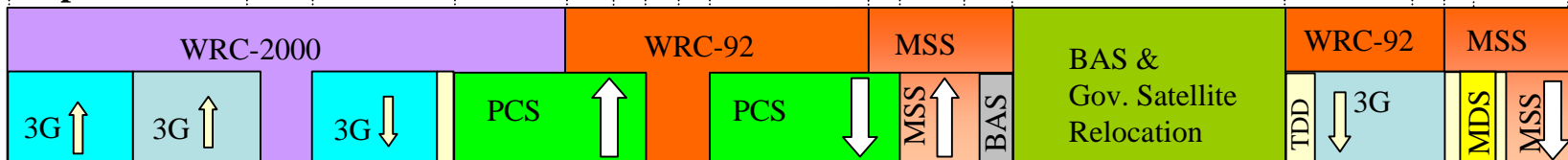
## ITU Region 2



## Option A



## Option B



1710 1785 1805 1850 1885 1900 1910 1920 1930 1980 1990 2010 2013 2025 2110 2150 2160 2170 2180 2200